NV-202P

VDSL2 LAN extender with PoE

The NV-202P is low cost LAN extension solution using the G.993.2 VDSL2 standard technology and providing up to 100Mbps symmetric using only a single copper wire pair. Designed specifically for a LAN to LAN extension and supporting both symmetrical and asymmetrical transmission at up to 100/100Mbps within 300 meters and 5/1Mbps at 3000 meters, this is a perfect solution to extend LAN with PoE for IP Surveillance or PoE powered devices at any location outside of the 100 meters reach.
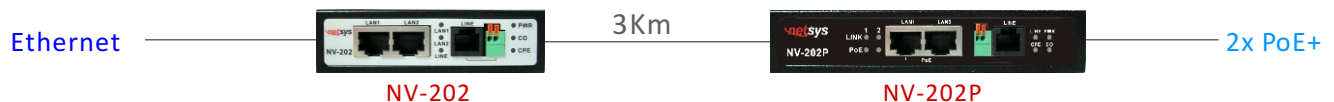
Features

- Cost effective bridge function to connect two PoE LANs
- Auto-detect IEEE 802.3af/at equipment
- Supports mid-span PoE mode
- Compact size and DIN rail support

- Selectable CO and CPE mode via DIP switch
- Selectable target band plan
- Selectable fast and interleaved mode
- Selectable target SNR margin 9dB or 6dB

Specifications

LAN Interface	Complies with IEEE 802.3 10Base-T 802.3u 100Base-TX, IEEE802.3af/at Connector: 2 x RJ-45 with PoE MTU: 1536 bytes
VDSL2 Interface	Complies with ITU-T G993.2 Connector: RJ-11/Terminal block DMT Encoding/PTM Transmission On-board surge protection
4-position DIP Switch	Selectable CO or CPE mode Selectable target band plan Selectable target SNR Margin Selectable INP and interleave mode
MTBF	50,000 hrs

Indicators	LAN:Act/Link, PoE VDSL2: Act/Link, Line Mode: CO/CPE
Power	DC 48V via AC switching adapter
Power Output	30W Maximum (power injector)
Dimensions	137 x 100 x 27 mm (5.39" x 3.94" x 1.06")
Weight	About 423g
Temperature	0~50°C (Operating), -20 ~70°C (Storage)
Humidity	10 - 90% non-condensing
Certification	CE, FCC, RoHS Compliant

Application

Ethernet ──── NV-202 ──── 3Km ──── NV-202P ──── 2x PoE+

Proper Installation

IP surveillance、Call center、Telecom

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